

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: rossi@VFL.Paramax.COM (Pete Rossi)
Subject: [4066] 40 METER QRP BEACON TEST : FEB 10-11
Message-ID: <9602090505.AA11384@gvlf6-a>

I will be running an experimental QRP beacon on 40 meters again starting Saturday evening Feb 10 (EST) through Sunday afternoon Feb 11.

However...

This time I will be testing an automatic power sequencer which will permit the beacon to automatically set itself to operate at several different power levels during each hour. This will provide many more chances to copy the beacon at extremely low power levels throughout the day.

Time : I am aiming to have it on by 7 PM EST Saturday 2/10 and keep it going until at least 5 PM EST Sunday afternoon.

Location : Newtown Square PA FM29hx (about 15 miles west of Philadelphia)

Antenna : 40 meter inverted vee @ 50' in a north/south plane.
Fed with 125' 9913

Frequency: 7021.0 KHz

Power schedule: The power will be changed during each hour according to the following schedule:

minutes past the hour	- power level-
:00 - :01	2000 mW (high power) spotting beacon
:01 - :15	200 mW
:15 - :16	2000 mW (high power) spotting beacon
:16 - :30	20 mW
:30 - :31	2000 mW (high power) spotting beacon
:31 - :45	2 mW
:45 - :46	2000 mW (high power) spotting beacon
:46 - :00	200 uW !!

In other words... The beacon will run at 4 (actually 5) different power levels each and every hour. Every 15 minutes on the quarter hour, the beacon will run for 1 minute at 2 watts output for spotting purposes then run at the specified power level for the next 14 minutes.

Power change times should be pretty accurate (set your clock) however, the change will not occur until the message in progress completes, that

is, it will not change power in the middle of a message.

A different codeword will be used at each of the 5 power levels.

Message format : VVV VVV VVV xx mW <4_letter_codeword> DE WA3NNA/B QRP
Sent at 13 WPM.

Take a listen and see if you can hear it.

All reception reports will be appreciated. Send them as soon as you hear something. I will be checking e-mail on and off all weekend.

Pete Rossi - WA3NNA
rossi@vfl.paramax.com

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: DEk@gnn.com (David Ek)
Subject: [4095] Another newbie needs some advice...
Message-ID: <199602100111.UAA08163@mail-e2a-service.gnn.com>

Hi, everyone -

Hope you can tolerate a question or two from a newbie (I must admit, it appears that hams are extremely tolerant of newcomers). Roy Boggs has gone way out of his way to answer a lot of questions from me already (thanks, Roy, I really appreciate it!). Roy suggested I ask for comments from the group on a question I posed to him.

"Bill's Basics" in the latest CQ says that a beginner shouldn't try QRP in the 40m novice band (and in fact the tone of the article suggests that QRP isn't a good way to enter the hobby). Your thoughts? I'm not a ham yet but QRP operation appeals to me for a number of reasons.

One more question: Roy has made me aware of a lot of the most popular QRP transceivers (the Explorer II, the NorCal40A, etc). The CQ 1996 Equipment buyers guide mentions a couple of kits from S&S Engineering. Anybody built one or used one (or have an opinion)?

Thanks for any help you can give. You may wish to email me directly with responses, since much of this info will be old hat to most readers.

Dave Ek
***** <---This space reserved for callsign

P. S. Roy, you're not off the hook--I'll keep bugging you with questions!

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: rxd7@rabbit.INS.CWRU.Edu (Richard A. Dell)
Subject: [4074] Audio Amp
Message-ID: <199602091505.KAA00736@rabbit.INS.CWRU.Edu>

Not too long ago one of the members of qrp-1 reminded the group that Radio Shack was no longer going to make their 1 watt audio amp kits.

These amps were nice for use in qrp receivers so that one could drive a speaker. Does any of the members know of another inexpensive source for these kits ?

Thanks, 72/73, Dick WD8ISB
Richard A. Dell
8085 Wren Drive
Macedonia, Ohio 44056

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: [4077] break in
Message-ID: <9602091559.AA06254@rgfn.epcc.Edu>

Dave, most of the people I have worked/heard over the past years use BK de (call) or de (call). Both are acceptable, and if the object of your break is willing, they will give you a GA BK and stand by. 72/73 Ray

--

Ray Colbert, W5XE/V31XE, El Paso, Tx

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: RobCap@aol.com
Subject: [4071] For Sale: Heath HW-8, \$125
Message-ID: <960209085725_139869938@mail02.mail.aol.com>

For Sale: Heathkit HW-8 along with documentation and a power cable. Price is \$125 which includes UPS ground shipping within Continental U.S.

Description:

The radio was received recently by me in trade, and I have decided not to keep it because I have gotten my HW-9 fully operational. I have fired up the HW-8, and the receiver works fine, and the transmitter has normal power output, about 3 watts on 80, 40 & 20, and about 2 watts on 15.

The case shows a little wear in the dark green around the AF/RF gain control, and some scratches on the top rear of the case.

The rig has some very nice modifications. The rear panel has an S0239 antenna jack instead of the original RCA phono jack. Other mods include a lighted dial, a 5 watt transistor for the final, extra coil turns for 15 meters (to give added sensitivity to 15 meters), and a mod to make the RF meter also perform work as an S meter.

Please respond directly to: Robcap@AOL.com

73,

Rob, WA3ULH

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: aa7qy@primenet.com (Roger Hightower)
Subject: [4068] Fox
Message-ID: <199602090551.WAA03906@usr2.primenet.com>

Caught the FOX tonight at 0120Z around 7110. Had to catch him on the Novice segment because of a club meeting that started right after he was to go to 7040. Hope no Novice/Tech was qrm'ed by this.

Nice 579 signal here near Phoenix.

72/73, de Roger, AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996

From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
Subject: [4072] FOX(NOISE)FOX(NOISE)....
Message-ID: <9601098238.AA823879049@smtpgw.ccgate.dl.nec.com>

Heard the fox for almost the whole 7.040 segment,
but he never heard me :-(Steve, you did a good job,
thanks!

I do agree with Randy WJ4P, the SSB and digi-boys were
killing me here in Dallas. I'd hear ole Steve doing his
fox, and WHAM!, one or the other would cover the fox right
up. Certainly makes the hunt more of a hunt (challenge!)

Oh well, I guess if it were easy, everybody would loose
interest.

I'll be on the hunt for the "PETEs" next week.

72 de Dave KK5HA

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: jsbraun@vivanet.com
Subject: [4090] FS:TenTec Argosy II w/ power supply
Message-ID: <9602091417.aa25178@vivanet.vivanet.com>

I have for sale a TenTec Argosy II (525D model), which is in mint condition. It
is fully loaded with all options installed. Mods include: both Xtal CW and SSb
filters installed, and RF gain control. Includes matching power supply, DC power
cord w/ breaker , manuals and docs, and I even have in a box a brand new face
plate, and VFO rebuild kit (I had purchased and stored these for a rainy day)
E-mail me at: jsbraun@vivanet.com
if interested or have a offer

Thanks/ 73's
de Scott
KB2GWF

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: RobCap@aol.com
Subject: [4088] Heathkit HW-9
Message-ID: <960209133110_218131677@emout10.mail.aol.com>

Hi folks-

Thanks to everyone who wrote to me with his/her favorite theory on my low power output on the Heath HW-9. The dominate theory was that one of the two transistor finals was blown, and the rig was limping on one final. One idea for checking the finals: operate for a couple of minutes and feel if both transistors are warm.

Well, you were all wrong! (But I appreciate your help anyway.)

I sent the rig off to RTO Electronics for an overhaul. It turns out that a diode in the mute circuit was shorted, so that the receiver was not isolated on transmit. This resulted in both low transmit power (about 1 watt on 80-15) and diminished receiver performance.

The low (almost zero) power output on 10 and 12 was due to a different problem: the transposition of two wires to each band. As a result of this mistake, 10 and 12 meters had their output filters reversed.

73,

Rob, WA3ULH

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: H Smith <hbs@crl.com>
Subject: [4070] Help with Audio Amp
Message-ID: <Pine.SUN.3.91.960209051603.785A-100000@crl11.crl.com>

I need to hang a little amplifier on the sidetone output of my keyer.

I need it to be fairly loud since I will be using it with a speaker in the car.

Which would be better, the LM380 or the LM386? Any other suggestions before I go to the parts place?

Thanks,

Smitty, NA5K

Henry Smith (hbs@crl.com)

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: RobCap@aol.com
Subject: [4087] HW-8 is Sold
Message-ID: <960209132328_218126784@emout10.mail.aol.com>

The HW-8 along with all of my Heath accessories has sold. Thanks, folks, for the interest.

73,

Rob, WA3ULH

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [4093] NW QRP Contest Sunday (rules)
Message-ID: <199602092148.0AA06136@zia.aoc.nrao.edu>

The NW QRP Contest is this Sunday. Since I haven't seen any official info from the club, I'll post the info for those interested. Thanks to WA5WHN for providing the info (basically meaning saving me from having to key-it-in -hi).

72, Paul NA5N QRP-L#38

>From: "Jay D. Miller, III" <wa5whn@Rt66.com>
>To: Paul Harden <pharden@aoc.nrao.edu>
>
>From "QST";
>NW QRP Club Winter Sprint 1800 - 2300 UTC Feb. 11
>
>Work stns once per band/mode Exchange RS(T), State/Province DXCC Country
>and NWQ # (non-members send power output) Send logs to KG7ME. Score 5
>pts. per cw contact, 3 pts. per phone w/NWQ members & 3 pts per cw
>contact & 1 pt. per phone for NON-NWQRP Members. Multiple final score by
>3, if power < 1 watt.

>Jay D. Miller, III ARS: WA5WHN
>Albuquerque, N.M. 87107-3944 USA
>Lat. 35 07 47 N
>Long. 106 38 28.0 W
>elevation: 4,958 feet

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: "G. Hanson" <grhanson@blue.weeg.uiowa.edu>
Subject: [4086] Street Light QRM?
Message-ID: <Pine.A32.3.91.960209115530.88539B-100000@black.weeg.uiowa.edu>

Hi Gang,

Just moved to Iowa for the semester and reside in a 3rd story apartment. I brought my QRP rig with me and put up some wire (I hesitate to call it an antenna). It stands in the living room (I'm living alone this semester) and is a helical wound vertical with four helical wound 1/4 wave radials. During the daylight hours I can hear lots of signals, but when the mercury vapor street lights (about 75 feet from my window) come on I get this incredible buzz saw interference...even the European BC stations are hard to hear. So here's my question. I have tried using a home-brew active filter (ala Doug DeMaw and QRP Classics) as well as a commercial dsp unit. NOTHING seems to cut out the noise. I know the vertical antenna is a noiser antenna and this weekend I plan to cut a TDCL antenna (a twisted loop) that might help a little bit, but is there any kind of filtering scheme I can use on my rig to help. I really miss checking out those crafty foxes!!! You can't work em if you can't hear em.

Incidentally, the home-brew tuner seems to load the helical vertical just fine and I think I'm getting out, but darned if I can hear anything at night.

Thanks for any suggestions you might have.

Gary, KJ5VW

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: "MSgt Cameron C.R. Bailey" <CBAILEY@PAMDT.ANG.AF.MIL>
Subject: [4089] Syracuse, NY ?
Message-ID: <heH8+sgt41A@PAMDT.ANG.AF.MIL>

Any QRP related happenings in Syracuse area 12 to 14 February?

Cam Bailey
SOGNET LAN Administrator (Banyan)
211 Engineering Installation Squadron
Fort Indiantown Gap (Annville) PA
DSN: 491-8737 Comm: 717-861-8737 FAX: 8268

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996

From: gggrove@televar.com (Gary Grove)
Subject: [4082] Ten Tec Argosy Wanted
Message-ID: <199602091707.JAA28915@bing.ncw.net>

I am looking for an Argosy 525 or 525D with Audio Filter, Noise Blanker, and perhaps the 500 hz cw filter. I have an Argonaut 509 that I'm willing to throw into the deal.

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: Robert Norman <RZ5630@WACCVm.corp.mot.com>
Subject: [4081] TEN TEC ITEMS NEEDED
Message-ID: <"RZ5630 96/02/09 16:44:56.024249"@WACCVm.CORP.MOT.COM>

After many attempts trying to acquire a Argonaut 509 and failing, I was finally able to acquire a real nice Argosy 525. To complete the unit I need to obtain the audio cw accessory filter model 224, and the noise blanker accessory model 223. If anyone has either or both of these items and would like to sell them, please EMAIL me with your particulars.

73,

Bob Norman ARS K7NWB
rz5630@waccvm.corp.mot.com
602-413-4508 work
602-833-7786 home

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: Allen Jones <ajones@adsnet.com>
Subject: [4076] The *NEW* QRP+
Message-ID: <199602091550.JAA00488@alice.adsnet.com>

Received a flyer from Index Labs this morning detailing the changes in the new version of the QRP+ that will sell for \$695.

To quote from the flyer:

	Original QRP+
New QRP+	-----

3rd Order Intercept (at 20 KHz spacing)	+5 DBM

+16 DBM

Min. Discernable Signal

-126 DBM

-132 DBM

Sensitivity for

10 DB S+N/N

.45 microvolt

24 microvolt

at 2400 Hz BW

The new QRP Plus has a dynamic range approaching 100 DB. These specifications compare favorably with much more expensive transceivers.

The new AGC circuit will not overload with the onset of strong signals and operates smoothly over a wide range.

RF Speech processing has been added for significantly higher effective power on SSB.

IF noise limiting reduces impulse interference without causing distortion.

A VOGAD circuit has been added to automatically adjust mic gain.

The CW QSK recovery time has been shortened to approx. 15 MS. A number of improvements have been made to the CW keyer and software allowing the new QRP+ to track high speed external keyers and allowing the user to disable the keyer autospace feature.

Index Labs is offering an upgrade program for current owners of the QRP+. The upgrade consists of the following:

1. Replace the circuit boards with the new configuration.
2. Calibrate and test to the same standards as new production.
3. Restart the one year warranty.

The upgrade is priced at \$250 and will be available Feb. 15. Please phone or write before sending your unit back for upgrade.

* * * * *

72/73 de Allen, K9DZE

=====

Allen Jones K9DZE ajones@adsnet.com

Michigan City, Indiana EN61nq

ARCI G-QRP NorCal QRP-L #112

=====

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: Allen Jones <ajones@adsnet.com>
Subject: [4079] The *NEW* QRP+
Message-ID: <199602091631.KAA00961@alice.adsnet.com>

For some reason the formatting of the specs for the QRP Plus didn't work out well in my original message. The receive sensitivity for the new unit is said to be .24 microvolt.

=====
Allen Jones K9DZE ajones@adsnet.com
Michigan City, Indiana EN61nq
ARCI G-QRP NorCal QRP-L #112
=====

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: kub@upl.com (Steve Kubisch)
Subject: [4073] Thursday Fox Results
Message-ID: <9602091458.AA19176@ringworld.pacificorp.com>

Hi Hunters,

Well the propagation god finally smiled on me last nite, at least for the first half of the hunt. Lots of strong signals on 7.110, a real pile up, and I didn't even have to leave the country.

Thanks to all who endured my poor fist, as the key had a mind of it's own when the going got heavy. I really respect good operators who can copy little signals, send flawless code and log all at the same time.

Here's the results, I'm sure I made mistakes so let me know.

7.111

0100	AB5OU	599	Tim	NM
0101	N6ULU	569	Stan	CA
0103	K06KA	569	Rob	CA
0105	W6BAB	569	Harvey(N6MM)	CA
0107	NQ7X	599	Floyd	AZ
0110	K2VNM	569	Bob	NY ?
0113	K6VNX	599	Arlen	CA

0116	AK5B	449	Bob	TX
0118	VE7CQK	339	Paul	BC
0120	AA7QY	579	Roger	AZ
0121	VE5VA	559	Pete	SK
0122	AB5UA	579	Cliff	OK
0123	AA5EA	559	Wally	TX
0125	K5UP	579	Glen	OK
0129	W6ZH	599	Pete	CA

7.041

0132	KC5EQK	559	Don	OK
0135	K2NF	599	Norm	FL
0137	AA7QU	579	Russ	OR
0139	VE5VA	549	Pete	SK
0140	KK5RO	599	Vernon	OK
0151	WA6NAE	449	Dwight	CA
0155	K3ETS	529	Dennis	TX
0206	WA9PWP	339	Paul	WI
0210	WB9LKC	339	Ray	WI
0214	WJ4P	359	Randy	SC
0226	AA0XI	439	Marshall	CO
0227	AB5TZ	539	Al	TX
0248	WT7F	549	Terry	CA
0255	WB5QMP	569	Randy	ID

All RST's are their report to me.

I was using a sepearte antenna for some recieving on some of the QSO's . On the 2 from WIS, I couldn't even hear them on the loop but they were weak but readable on the Zepp.

Thanks again, I had fun.

Steve -WW7Y-

From qrp-l@Lehigh.EDU Fri Feb 9 22:17:31 1996
 From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
 Subject: [4092] VANITY MANIA
 Message-ID: <9601098239.AA823901693@smtpgw.ccgate.dl.nec.com>

Hello All:

Anybody hear the latest and greatest on the
Vanity Call system start?

The latest I've heard is that with the shut-
downs/weather in December, that the whole thing
was set back a while. Anybody's guess at what
a while means?

Also, do you know the fax number to call the
FCC for fax on demand forms - such as 610 and
the Vanity form? My license renewal is due
soon and I better get the old 610 in the system.

Thanks.

72 de Dave KK5HA

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: Steve Thompson <kj7dn@primenet.com>
Subject: [4067] Re: 40 METER QRP BEACON TEST : FEB 10-11
Message-ID: <Pine.BSD.3.91.960208222002.21571D-100000@usr4.primenet.com>

Hi Pete:

I will be eagerly listening fer ur beacon ... hope I can hear it here in
Phoenix!

Will u be offering any certificates?

73,

Steve

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+-----+
|
| Steve C. Thompson - KJ7DN      -----
| Manager of Info. Technology    ----/---- E-mail kj7dn@primenet.com
| Continental Promotion Group    ----/----      steve@cpginc.com
| Tempe, AZ, USA                ----/H----
|                                H          Proud builder of the OHR
|                                H          WM-1 and Explorer II 40M
|                                H
| 602.731.3535                  H          QRP-L #259  scQRPions #1
|                                H          NWQRP #387  NorCal #1516
|
+-----+
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From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: Stan Skelton <sskelton@cIn.etc.bc.ca>
Subject: [4080] Re: Audio Amp
Message-ID: <Pine.3.89.9602090846.A18743-0100000@sparky>

RE: the radio shack audio amp kit...its still in production just under a different number ...I'll get it for you on the morrow but any good RS store should be able to handle it...
TtFn....Stan T.M. VE7 SKT QRP-L #34

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: aa7qy@primenet.com (Roger Hightower)
Subject: [4085] Re: Audio Amp
Message-ID: <199602091801.LAA04240@usr5.primenet.com>

At 10:06 AM 2/9/96 EST, Richard A. Dell wrote:

>Not too long ago one of the members of qrp-1 reminded the group that Radio
>Shack was no longer going to make their 1 watt audio amp kits.

>

>These amps were nice for use in qrp receivers so that one could drive a
>speaker. Does any of the members know of another inexpensive source for
>these kits ?

>

I have a couple of these squirreled away. If anyone wants one, contact me direct

and we'll make arrangements. I got them for \$7.99, so eight bucks should take care of that and postage.

73, de Roger, AA7QY

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: "John D. Spittle" <jds@freenet.vancouver.bc.ca>
Subject: [4069] Re: EP-2
Message-ID: <Pine.3.89.9602090200.A13524-0100000@opus.freenet.vancouver.bc.ca>

On Wed, 7 Feb 1996, George Dobbs wrote:

> In message <823654078.AA05238@hamlink.mn.org>, BOB LIESENFELD <BOB.LIESE
> NFELD@hamlink.mn.org> writes

> >Hi gang,
> > I was looking thru my winter issue of SPRAT and the EP-2 75M xcvr
> >article. A couple of questions: It would appear that the NE602 1st
> >mixer is not operating as a balanced modulator in transmit, so is the
> >Murata filter F1 acting to filter out 1 set of sidebands as well as
> >the carrier? If so what kind of sideband/carrier rejection can be
> >expected?
> > Has anyone built this critter, and what kind of freq stability did
> >you get?
>

The NE602 is a Gilbert cell - a differential amplifier driving a balanced mixer cell. When used as a "double-balanced" mixer both input frequencies will be suppressed from appearing at the output. Ideally, low-level input to the differential amplifier is provided in push-pull and output from the mixer cell taken in push-pull. Nevertheless, if the low-level input and the output are "single-ended", the balanced properties of the chip are still retained at the expense of reduced conversion gain and reduced attenuation of second-order products.

In reply to the questions then:-

No, the SSB filter is not relied upon to eliminate the carrier and yes, the SSB filter is relied upon entirely to eliminate the unwanted sideband as it is in all SSB signals generated by the filter method.

W6MMA and KI6DS have already built EP-2s and regularly communicate with Vancouver, BC from Northern California. The VFO is not as stable as the resonator in the EP-1 but any drift, after initial warm-up, is not objectionable and frequency can easily be corrected and maintained with the digital frequency display to within +/-50Hz.

With an IF of 455KHz the main problem is to attenuate the image frequency at the second mixer output. The original EP-1 tunes a standard 4.19MHz ceramic resonator which limits the highest usable frequency to about 3780KHz and requires only a narrow RF bandpass filter. In the EP-2 the resonator has been replaced with a VFO to permit operation anywhere within the US phone band. The re-designed RF bandpass filter permits coverage of any 200KHz section without re-adjustment. Image rejection remains well in excess of 30dB throughout and no carrier can be detected in the signal.

In case you are wondering, the modifications to the circuit as it appeared in December SPRAT (referred to by G3RJV in an earlier posting) involve only the driver/PA section.

The original objective was to produce a simple, small, inexpensive and replicable SSB transceiver for portable use in the 75M band. The much-maligned NE602 has its shortcomings but in the context of these

parameters it performs quite satisfactorily. If nothing else, the Epiphytes have provided many hams with an introduction to building SSB equipment and have a lot of fun without taking out a mortgage. Any suggestions for improvement (without unduly increasing complexity) are always welcome.

72/73 Derry VE7QK

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: JessQRP@aol.com
Subject: [4065] Re: Hawaii - possible bogus??
Message-ID: <960208234821_217774151@emout06.mail.aol.com>

Good for you!

Prop always breaks the rules. I worked ZK1DI on 30 meters (QR0 :-()) on Feb 4th at 0550 zulu. Figure it out, that is about 10:50 PM! MST. 30 meters isn't open at 11:00 pm this time of year, so 40 could not have been open to Hawaii either at 21:00 MY FOOT!!!!!!

I also remeber working a EL2 in Liberia on 15 meters SSB a couple of years ago in December at 10 at nite! Listen and you will receive, if you doubt, you will miss out! Our gain and their loss!

Best
Jess

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: jeverhar@camden.ge.com
Subject: [4078] Re: Help with Audio Amp
Message-ID: <9602091617.AA18013@nashville.CAMDEN.MMC.COM>

Smitty, you wrote:

>I need to hang a little amplifier on the sidetone output of my keyer.
>
>I need it to be fairly loud since I will be using it with a speaker in
>the car.
>
>Which would be better, the LM380 or the LM386? Any other suggestions
>before I go to the parts place?

For my money, the LM380 is a better choice. You won't get enough power out of the 386. Of course depending on how noisy your car is, the 380 might not put out enough "soup."

The 380 was used in several mobile rigs that I remember, before the days of the fancy rice boxes. You'll note that the 386 is used in many HT's and QRP rigs. The latter has enough steam for headphones or speakers in a quiet shack, but not enough for a car.

Good luck and let us know how you make out!

72/73,

Joe E., N2CX

"real" work e-mail address: jeverhart@cayman.vf.mmc.com
home e-mail address: n2cx@voicenet.com

From qrp-l@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [4083] Re: Help with Audio Amp
Message-ID: <199602091704.KAA26300@zia.aoc.nrao.edu>

Smitty,

The LM386 is probably the best bet in that it is easy to implement (almost sailor proof) and takes about a 1/3rd of the current of an LM380. LM386 rated at 0.5W, sufficient to make a fair amount of racket in a speaker for most applications; the LM380 is rated at 2W and is a very sufficient audio amp, however, if you really need some audio horsepower.

Many application circuits on both the LM380 and 386 show the volume control, a 100-200 ohm pot, on the output of the amplifier feeding the speaker. Best way to prevent motorboating, but it does mean the IC is running full power and thus full current all the time. If current drain is a consideration, then put the volume control on the IC input to make current draw a function of the volume.

If it motorboats at high gains, let me know. I'll send you a couple of hints on settling it down. The LM380 audio boards I lab tested for the St. Louis club drew about 14mA at full throttle, but the fidelity was excellent. Flat from DC to 400 KHz!

GL, Paul NA5N

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: N5EM@aol.com
Subject: [4075] Re: Houston QRP Meeting
Message-ID: <960209095519_418459568@emout07.mail.aol.com>

In a message dated 96-02-08 11:21:28 EST, you write:

<< Subj: Houston QRP Meeting
Date: 96-02-08 11:21:28 EST
From: N5EM
To: derx@tenet.edu, dknodel@uh.edu
To: bayleyb@copernicus.sccsi.com
To: kell@mpac.jsc.nasa.gov, qrp-1@lehigh.edu
CC: nmullani@heart.med.uth.tmc.edu
CC: rsorge@phoenix.phoenix.com, kencook@ix.netcom.com
CC: wd5gnw@router1.w5-f6cnb.ampr.org

Ray has offered to bring a network analyzer if there are folks out there coming to the QRP gathering in Houston who need to do filter work. Please let us know ASAP if it is worth Ray's time to check this device out from his company and bring it with him. Thanks.

You can email Ray at mack@mails.imed.com or to me at n5em@aol.com.

Houston QRPers.
72
Ed Manuel, N5EM
n5em@aol.com

>>

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: herr@ridgecrest.ca.us (Michael Herr)
Subject: [4084] RE:RE:dead band
Message-ID: <v01530501ad421648ea98@[199.120.150.89]>

Max and the Gang,

Congrates on the RS-12 contact. Guys, it's not all that hard and you know when the "band" will open! (and close).

72

Mike WA6ARA

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: bcutter@teal.csn.net (Bob Cutter)
Subject: [4091] RE:RE:dead band
Message-ID: <199602092006.NAA01852@lynx.csn.net>

However, don't be afraid to try early and late. I have had several
"over-the-horizon" Q's on RS12.

72, Bob KI0G

>Max and the Gang,
> Congrates on the RS-12 contact. Guys, it's not all that hard and you
>know when the "band" will open! (and close).
>72
>Mike WA6ARA
>
>
>
>
>

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: rossi@VFL.Paramax.COM (Pete Rossi)
Subject: [4094] Re: VANITY MANIA
Message-ID: <9602092226.AA13578@gvlf6-a>

-> Hello All:
->
-> Anybody hear the latest and greatest on the
-> Vanity Call system start?
->
-> The latest I've heard is that with the shut-
-> downs/weather in December, that the whole thing
-> was set back a while. Anybody's guess at what
-> a while means?

->
-> Also, do you know the fax number to call the
-> FCC for fax on demand forms - such as 610 and
-> the Vanity form? My license renewal is due
-> soon and I better get the old 610 in the system.
->
-> Thanks.
->
-> 72 de Dave KK5HA

Nothing specific here.. but I haven't been following it all that closely.
I remember hearing something about more delays but I forget the specifics.

But..

I was thinking the other day.. When this program finally opens up,
will callsigns in blocks that are currently not being used be available?

I remember seeing a complete list of all amateur callsign blocks not
too long ago. It showed blocks such as:

KAnXXX - KZnXXX
WAnXXX - WZnZZZ
and even
NAnXXX - NZnZZZ
WAnXX - WZnXX
NAnZZ - NZnZZ

Some of these blocks would probably take many many years before the
normal sequence would ever get to them.

But I wonder if people can or will be requesting calls like:

WZ3ABC or
WA3BC or
NA2YZ

According to the rules they are valid amateur calls. I wonder how many
people will be daring enough to get a really unique call.. at least,
unique for a little while..

Pete Rossi - WA3NNA
rossi@vfl.paramax.com

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996

From: aa7qy@primenet.com (Roger Hightower)
Subject: [4096] Re: VANITY MANIA
Message-ID: <199602100131.SAA04808@usr4.primenet.com>

At 05:07 PM 2/9/96 EST, David Kreinberg wrote:

>
> Hello All:
>
> Anybody hear the latest and greatest on the
> Vanity Call system start?
>

The hangup on the Vanity callsign system is that four petitions for reconsideration were filed after the FCC announced the final rules.

At least two of those petitions challenge the ruling that an amateur requesting the callsign of a deceased relative must hold a license of at least the same class of the callsign requested. One of those, a non-Extra ham, wants to get an Extra class call.

Until those petitions are decided upon, there will be no action.

72/73, de Roger, AA7QY

From qrp-1@Lehigh.EDU Fri Feb 9 22:17:31 1996
From: Raymond Sommers <rsommers@worf.uwsp.edu>
Subject: [4097] Re: VANITY MANIA
Message-ID: <Pine.BSI.3.91.960209215059.4212A-1000000@worf.uwsp.edu>

On Fri, 9 Feb 1996, David Kreinberg wrote:

> FCC for fax on demand forms - such as 610 and
> the Vanity form? My license renewal is due
> soon and I better get the old 610 in the system.

There are some forms available on the web - I forget what format they are in - something I couldn't use. The URL is:

Linkname: /Forms
URL: <http://www.fcc.gov/Forms/index.html>

Link that you currently have selected

Linkname: Form610

Filename: <http://www.fcc.gov/Forms/Form610/index.html>

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~ ~ ~ ~ ~
~ ~ ~ ~ ~
from ~

Ray Sommers, rsommers@worf.uwsp.edu

WB9LKC QRP-L #8-) qrp ARCI #3816 NorCal #1423